

Technology Based Curriculum Project

Due July 15th (40%)

Technology Assignment

The purpose of this assignment is:

-- to design or adapt a unit of instruction that you can use in your classroom. It may take the form of an interdisciplinary unit, or unit of study in a subject of your specialty. The unit that you submit, should contain clear evidence of the use of technology throughout the lessons and student activities.

OR

-- to have you design/adapt a module that could be used in a grade 6-8 technology education class at the middle school level or at grade 9-10 in a Broad Based Technology lab .

Complete a written outline in this order:



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A short (one paragraph) **description** of the unit/module which would include a rationale for this particular topic or content.

A short (two paragraphs) **description** of the instructional approach you are using. Explain why it is a worthwhile approach for your students based on your school environment, student's interests, your expertise, grade level technology outcomes, etc.

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A **list** of outcomes or objectives. Identify each **outcome(s) both General and Specific** you expect the module to meet.

subject area content (declarative knowledge – what the students need to know)

process skills (procedural knowledge – what the students will do)

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A **description** of the assessment tools that measure all your outcomes or objectives. Indicate which objectives the assessments are measuring. One or two paragraphs should suffice.

A list of the technology resources that are being used in this unit.

A lesson plan for the **hook activity** that will engage students in wanting to participate in your module. This will be presented in class.



STUDENT GUIDE

Pages 3 through 10 or 11... + resources

Descriptions of the series of learning activities you would use to teach these outcomes or objectives.

For an MSTE or BBTE module, this should be completed in **at form** that students could take with them and work through the module in a MST or BBT lab environment.

Evaluation

Two Rubrics for Evaluation

- Hook Presentation Rubric
- Written Unit/Module Rubric

Project Ideas

- Interdisciplinary Unit - encompasses all subjects, various activities
- Nutrition
- Robotics
- Graphic Design/Arts - Photography
- Computer Aided Drafting (CAD)
- Google Sketch Up



Group Size 1-3

New Brunswick High School Sites

- See Wiki